CLAIMS

1. Compounds of the general formula (I)

$$R_1$$
 N
 R_2

wherein:

R₁ and R₂ independently represent phenyl, thienyl or pyridyl which groups may be substituted with 1, 2 or 3 substituents Y, which can be the same or different, from the group branched or linear C₁₋₃-alkyl or C₁₋₃-alkoxy, phenyl, hydroxy, chloro, bromo, fluoro, iodo, trifluoromethyl, trifluoromethylthio, trifluoromethoxy, carboxyl, trifluoromethylsulfonyl, cyano, carbamoyl, sulfamoyl and acetyl, or R₁ and/or R₂ represent naphtyl,

X represents one of the subgroups (i) or (ii),

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wherein:

- R₃ represents a hydrogen atom or a branched or linear C₁₋₃ alkyl group,

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- R_4 represents a branched or linear C_{1-8} alkyl or C_{3-8} -cycloalkyl- C_{1-2} -alkyl group, branched or linear C_{1-8} alkoxy, C_{3-8} cycloalkyl, C_{5-10} bicycloalkyl, C_{6-10} tricycloalkyl, which groups may contain one or more heteroatoms from the group (O, N, S) and which groups may be substituted with a hydroxy group, 1-3 methyl groups, an ethyl group or 1-3 fluoro atoms, or R_4 represents a phenoxy, benzyl, phenethyl or phenylpropyl group, optionally substituted on their phenyl ring with 1-3 substituents Y, wherein Y has the abovementioned meaning, or R_4 represents a pyridyl or thienyl group, or R_4 represents a group NR_5R_6 wherein

 $R_{\rm 5}$ and $R_{\rm 6}$ - together with the nitrogen atom to which they are attached -form a saturated or unsaturated, monocyclic or bicyclic, heterocyclic group having 4 to 10 ring atoms, which heterocyclic group contains one or two heteroatoms from

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the group (O, N, S) and which heterocyclic group may be substituted with a branched or linear C₁₋₃ alkyl, phenyl, hydroxy or trifluoromethyl group or a fluoro atom, or

 R_3 and R_4 – together with the nitrogen atom to which they are attached - form a saturated or unsaturated, monocyclic or bicyclic, heterocyclic group having 4 to 10 ring atoms, which heterocyclic group contains one or two heteroatoms from the group (O, N, S) and which heterocyclic group may be substituted with a branched or linear C_{1-3} alkyl, phenyl, amino, hydroxy or trifluoromethyl group or a fluoro atom.

- R₇ represents a benzyl, phenyl, thienyl or pyridyl group, which groups may be substituted on their aromatic ring with 1, 2, 3 or 4 substituents Y, wherein Y has the meaning as indicated above, which can be the same or different, or R₇ represents C₁₋₈ branched or linear alkyl, C₃₋₈ alkenyl, C₃₋₁₀ cycloalkyl, C₅₋₁₀ bicycloalkyl, C₆₋₁₀ tricycloalkyl or C₅₋₈ cycloalkenyl or R₇ represents naphtyl or R₇ represents a amino group or R₇ represents a C₁₋₈ dialkylamino group, a C₁₋₈ monoalkylamino group or a saturated or unsaturated, monocyclic or bicyclic, heterocyclic group having 4 to 10 ring atoms, which heterocyclic group contains 1 or 2 nitrogen atoms and which heterocyclic group may contain 1 heteroatom from the group (O, S) and which heterocyclic group may be substituted with a branched or linear C₁₋₃ alkyl, phenyl, hydroxy or trifluoromethyl group or a fluoro atom,
 - R₈ represent a hydrogen atom or a methyl group,
 - R₉ represents a hydrogen atom or a methyl, ethyl or methoxy group,

25 and tautomers, stereoisomers, prodrugs and salts thereof

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2. Compounds of the general formula (I)

$$R_1$$
 N
 R_2
 (0)

wherein:

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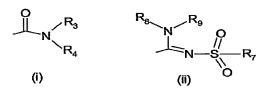
- R₁ and R₂ independently represent phenyl, which phenyl group may be substituted with 1, 2 or 3 substituents Y, which can be the same or different, from the group branched or linear C₁₋₃-alkyl or C₁₋₃-alkoxy, phenyl, hydroxy, chloro, bromo, fluoro, iodo, trifluoromethyl, trifluoromethylthio, trifluoromethoxy, carboxyl, trifluoromethylsulfonyl, cyano, carbamoyl, sulfamoyl and acetyl, or R₁ and/or R₂ represent naphtyl, thienyl or pyridyl,
- X represents one of the subgroups (i) or (ii),

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wherein:

- R₃ represents a hydrogen atom,
- 20 R_4 represents a branched or linear C_{1-8} alkyl, branched or linear C_{1-8} alkoxy or C_{3-8} cycloalkyl group, which groups may be substituted with a hydroxy group, 1-3 methyl groups, an ethyl group or 1-3 fluoro atoms, or R_4 represents a phenoxy, pyridyl or thienyl group, or R_4 represents a group NR_5R_6 wherein
 - R_6 and R_6 together with the nitrogen atom to which they are attached -form a saturated or unsaturated, monocyclic or bicyclic, heterocyclic group having 4 to 10 ring atoms, which heterocyclic group contains one or two heteroatoms from the group (O, N, S) or
 - R_3 and R_4 together with the nitrogen atom to which they are attached form a saturated or unsaturated, monocyclic or bicyclic, heterocyclic group having 4 to 10 ring atoms, which heterocyclic group contains one or two heteroatoms from

the group (O, N, S) and which heterocyclic group may be substituted with a methyl, hydroxy or trifluoromethyl group or a fluoro atom,

- R₇ represents a phenyl group, which phenyl group may be substituted on its aromatic ring with 1, 2, 3 or 4 substituents Y, wherein Y has the meaning as indicated above, which can be the same or different, or R₇ represents C₁₋₈ branched or linear alkyl, C₃₋₁₀ cycloalkyl or C₅₋₁₀ bicycloalkyl, or R₇ represent ts naphtyl or R₇ represents a amino group or R₇ represents a C₁₋₈ dialkylamino group, a C₁₋₈ monoalkylamino group or a saturated or unsaturated, monocyclic or bicyclic, heterocyclic group having 4 to 10 ring atoms, which heterocyclic group contains 1 or 2 nitrogen atoms and which heterocyclic group may contain 1 heteroatom from the group (O, S) and which heterocyclic group may be substituted with a branched or linear C₁₋₃ alkyl or hydroxy group,
- R₈ represent a hydrogen atom,
- R₉ represents a hydrogen atom

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and tautomers, stereoisomers, prodrugs and salts thereof.

- 3. Pharmaceutical compositions comprising, in addition to a pharmaceutically acceptable carrier and/or at least one pharmaceutically acceptable auxiliary substance, a pharmacologically active amount of at least one compound of one of the claims 1-2, or a salt thereof, as an active ingredient.
- 4. A compound as claimed in claim 1 or claim 2, or a salt thereof, for use in medicine

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Compounds of the general formula (IV)

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wherein R₁ and R₂ have the meanings given in claim 1, such compounds being useful in the synthesis of compounds of the general formula (I).

6. Compounds of the general formula (V)

$$R_1$$
 N
 CO_2R_{16}
 R_1
 R_2
 (V)

wherein R₁ and R₂ have the meanings given in claim 1 and R₁₀ represents a branched or linear C₁₋₅ alkyl group or a benzyl group, such compounds being useful in the synthesis of compounds of the general formula (I).

7. Compounds of the general formula (VI)

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$$R_{1} \xrightarrow{N} CO_{2}R_{11}$$

$$R_{1} \xrightarrow{N} R_{2}$$

$$(VI)$$

wherein R_1 and R_2 have the meanings given in claim 1 and R_{11} represents H or an earth alkali metal, such compounds being useful in the synthesis of compounds of the general formula (I).

8. Use of a compound as claimed in claim 1 or claim 2 for the preparation of a pharmaceutical composition for the treatment of psychosis, anxiety, depression, attention deficits, memory disorders, cognitive, disorders, appetite disorders, 20 obesity, in particular juvenile obesity and drug induced obesity, addiction, impulse control disorders, appetence, drug dependence and neurological disorders such as neurodegenerative disorders, dementia, dystonia, muscle spasticity, tremor, epilepsy, multiple sclerosis, traumatic brain injury, stroke, Parkinson's disease, Alzheimer's disease, epilepsy, Huntington's disease, Tourette's syndrome, 25 cerebral ischaemia, cerebral apoplexy, craniocerebral trauma, stroke, spinal cord injury, neuroinflammatory disorders, plaque sclerosis, viral encephalitis, demyelinisation related disorders, as well as for the treatment of pain disorders, including neuropathic pain disorders, and other diseases involving cannabinoid neurotransmission, including the treatment of septic shock, glaucoma, cancer, 30 diabetes, emesis, nausea, asthma, respiratory diseases, gastrointestinal

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disorders, gastric ulcers, diarrhoea, cardiovascular disorders, atherosclerosis, liver cirrhosis and sexual disorders.

- 9. A method of treating psychosis, anxiety, depression, attention deficits, memory 5 disorders, cognitive disorders, appetite disorders, obesity, addiction, impulse control disorders, drug dependence and neurological disorders such as dementia, dystonia, muscle spasticity, tremor, epilepsy, multiple sclerosis, traumatic brain injury, stroke, Parkinson's disease, Alzheimer's disease, epi lepsy, Huntington's disease, Tourette's syndrome, cerebral ischaemia, cerebral 10 apoplexy, craniocerebral trauma as well as for the treatment of neuropathic pain disorders and other diseases involving cannabinoid neurotransmission, including glaucoma, cancer, emesis, nausea, asthma, respiratory diseases, gastrointestinal disorders, gastric ulcers, diarrhoea, cardiovascular disorders, atherosclerosis, liver cirrhosis and sexual disorders,
- 15 characterized in that a compound of formula (I) is used

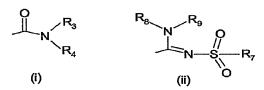
$$R_1$$
 N
 R_2

wherein:

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- R₁ and R₂ independently represent phenyl, thienyl or pyridyl which groups may be substituted with 1, 2 or 3 substituents Y, which can be the same or different, from the group C₁₋₃-alkyl or C₁₋₃-alkoxy, phenyl, hydroxy, chloro, bromo, fluoro, iodo, trifluoromethyl, trifluoromethylthio, trifluoromethoxy, methylsulfonyl, carboxyl, trifluoromethylsulfonyl, cyano, carbamoyl, sulfamoyl and acetyl, or R₁ and/or R₂ represent naphtyl,
- X represents one of the subgroups (i) or (ii),



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wherein

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- R₃ represents a hydrogen atom or a branched or linear C₁₋₃ alkyl group,
- R_4 represents a branched or linear C_{1-8} alkyl or C_{3-8} -cycloalkyl- C_{1-2} -alkyl group, branched or linear C_{1-8} alkoxy, C_{3-8} cycloalkyl, C_{5-10} bicycloalkyl, C_{6-10} tricycloalkyl, which groups may contain one or more heteroatoms from the group (O, N, S) and which groups may be substituted with a hydroxy group, 1-3 methyl groups, an ethyl group or 1-3 fluoro atoms, or R_4 represents a phenyl, phenoxy, benzyl, phenethyl or phenylpropyl group, optionally substituted on their phenyl ring with 1-3 substituents Y, wherein Y has the abovementioned meaning, or R_4 represents a pyridyl or thienyl group, or R_4 represents a group NR_6R_6 wherein
- 10 R₅ and R₆ together with the nitrogen atom to which they are attached -form a saturated or unsaturated, monocyclic or bicyclic, heterocyclic group having 4 to 10 ring atoms, which heterocyclic group contains one or more heteroatoms from the group (O, N, S) and which heterocyclic group may be substituted with a branched or linear C₁₋₃ alkyl, phenyl, hydroxy or trifluoromethyl group or a fluoro atom, or
 - R_3 and R_4 together with the nitrogen atom to which they are attached form a saturated or unsaturated, monocyclic or bicyclic, heterocyclic group having 4 to 10 ring atoms, which heterocyclic group contains one or more heteroatoms from the group (O, N, S) and which heterocyclic group may be substituted with a branched or linear C_{1-3} alkyl, phenyl, amino, hydroxy or trifluoromethyl group or a fluoro atom,
 - R₇ represents a benzyl, phenyl, thienyl or pyridyl group, which groups may be substituted on their aromatic ring with 1, 2, 3 or 4 substituents Y, wherein Y has the meaning as indicated above, which can be the same or different, or R₇ represents C₁₋₈ branched or linear alkyl, C₃₋₈ alkenyl, C₃₋₁₀ cycloalkyl, C₅₋₁₀ bicycloalkyl, C₆₋₄₀ tricycloalkyl or C₅₋₈ cycloalkenyl or R₇ represents naphtyl or R₇ represents a amino group or R₇ represents a C₁₋₈ dialkylamino group, a C₁₋₈ monoalkylamino group or a saturated or unsaturated, monocyclic or bicyclic, heterocyclic group having 4 to 10 ring atoms, which heterocyclic group contains 1 or 2 nitrogen atoms and which heterocyclic group may contain 1 heteroatom from the group (O, S) and which heterocyclic group may be substituted with a branched or linear C₁₋₃ alkyl, phenyl, hydroxy or trifluoromethyl group or a fluoro atom,
 - R₈ represent a hydrogen atom or a methyl group,
- 35 R₉ represents a hydrogen atom or a methyl, ethyl or methoxy group,

and tautomers, stereoisomers, prodrugs and salts thereof.

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- 10. Use as claimed in claim 8 characterized in that said disorders are eating disorders, in particular obesity, juvenile obesity and drug induced obesity.
- 5 11. Use of a compound as claimed in claim 1 or claim 2 for the preparation of a pharmaceutical composition for the treatment of eating disorders, in particular obesity, juvenile obesity and drug induced obesity, characterized in that said pharmaceutical composition also contains at least one lipase inhibitor.
- 10 12. Use as claimed in claim 11, characterized in that said lipase inhibitor is orlistat or lipstatin.